

MPT Probes

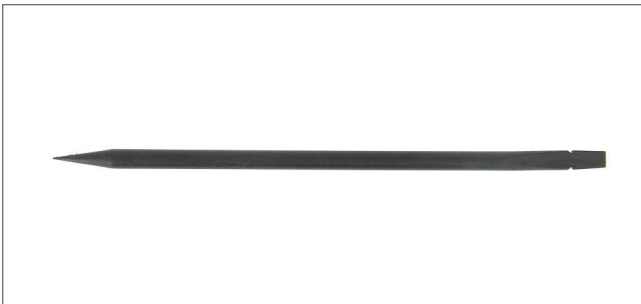
Multi-purpose tools for electronics, chemistry and watchmaking.

Applications:

- » probe for lead-free soldering operations
- » positioning aid tool for assembly operations
- » spatula for applying adhesives, dosing chemicals in labs
- » stirring rod for the preparations of adhesives, solutions
- » scraper to remove solder masking agents, rubber latex, adhesive coatings
- » microscopy sampling applications

Probes are wear resistant and the soft tips do not scratch delicate surfaces.

Available in three different types and materials or a complete set.



MPT1R

Rounded body - Fine tip and flat strong tip
 Length: 150 mm, 5.90"



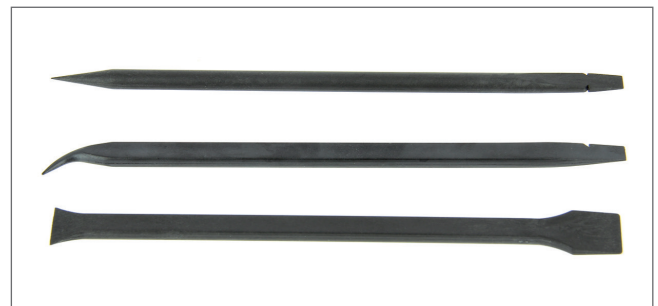
MPT2

Squared body - Curved fine tip and flat strong tip
 Length: 150 mm, 5.90"



MPT3

Squared body - Flat fine sharp tip and flat large fine tip
 Length: 140 mm, 5.51"



MPT123

Kit of MPT1R, MPT2, MPT3

| Model | Material | | |
|---------------|----------|----------|----------|
| | CP | SV | NY |
| MPT1R | MPT1RCP | MPT1RSV | MPT1RNY |
| MPT2 | MPT2CP | MPT2SV | MPT2NY |
| MPT3 | MPT3CP | MPT3SV | MPT3NY |
| MPT123 | MPT123CP | MPT123SV | MPT123NY |

Different materials available

High-performance plastic type CP

- » PEEK polyetheretherketone reinforced with carbon nano
- » very hard, rigid, high tensile and flexural strength, very high wear resistance
- » high heat capability (260-300°C), good dimension stability, low thermal linear expansion coefficient
- » excellent resistance to chemicals and aggressive agents, excellent resistance to thermal ageing
- » ESD-safe material 10^6 Ohm
- » typical applications include handling of components in cleaning/chemical/assembly processes also at high temperature (soldering)

High performance plastic type SV

- » PVDF polyvinylidene fluoride carbon fibre reinforced
- » excellent mechanical strength and toughness
- » smooth surface
- » heat stabilized, high heat capability, continuous use temperature up to 150°C
- » high purity (clean room and medical devices approved, low extraction value)
- » excellent chemical resistance to most aggressive substances (mineral and organic acid) and solvents (hydrocarbons, alcohols, halogenated), resistant to halogens
- » outstanding resistance to hydrofluoric acid (40% conc., 90°C), nitric acid (50% conc., 90°C), hydrochloric acid (36% conc., 90°C)
- » high abrasion resistant
- » resistant to UV and nuclear radiation (sterilisation)
- » ESD safe material, (avoid powder attraction, sparks generation, ignition sources)
- » typical applications include handling of very scratch- and contamination-sensitive components, cleaning and etching processes

Engineering plastic type NY

- » PA66/GF50 polyamide 66 reinforced with 50 wt% glass fibre
- » high strength, fatigue, wear and creep resistance
- » heat stabilized, good heat capability
- » good chemical resistance (oils, grease, fuels, non polar solvents); not resistant to strong acids, alkalis and hot water or steam
- » insulative